



General Test Environment (GTE) Access Form

Information Supplied by the Customer

Company Name:	
Network Contact Name:	
E-mail:	
Telephone:	
Information Technology Contact Name:	
E-mail:	
Telephone:	

Networking – Access Type

<input type="checkbox"/>	LAN-to-LAN VPN Connections: Typically the VPN connections are set up in tunnel mode between the client's router/firewall, and the TMX VPN router. Traffic between the client's host and Montréal Exchange's host will then pass over the established VPN tunnel.
<input type="checkbox"/>	Third Party Providers: Montréal Exchange connectivity can be obtained via the following providers: TMX Atrium <input type="checkbox"/> BT Radianz <input type="checkbox"/> SAVVIS <input type="checkbox"/> SFTI-Sector <input type="checkbox"/> TNS <input type="checkbox"/>
<input type="checkbox"/>	Direct Connection: Only clients that have direct connections in production at TCF can leverage their connection to connect to the MX GTE Environment.
<input type="checkbox"/>	Colo: Only clients that have connectivity in the MCC Colo space can connect to the MX GTE Environment.
<input type="checkbox"/>	Existing TSX GTE: Clients can leverage off their existing connections in the TSX GTE Environment.

Mx General Test Environment (GTE) Services

Order Entry Services <input type="checkbox"/> SAIL Member ID 001-011 <input type="checkbox"/> SAIL Member ID 001-011 <input type="checkbox"/> SAIL Member ID 001-011 <input type="checkbox"/> SAIL Member ID 001-011 <input type="checkbox"/> FIX <input type="checkbox"/> FIXTT Order Entry <input type="checkbox"/> STAMP	External NAT Address 142.201.223.39 142.201.223.39 142.201.223.39 142.201.223.39 142.201.223.39 142.201.223.39 142.201.223.39	VPN NAT Address 142.201.3.69 142.201.3.69 142.201.3.69 142.201.3.69 142.201.3.69 142.201.3.69 142.201.3.69	Port 12652 12662 12672 12682 6060 6070 5200
Market Data Services <input type="checkbox"/> HSVF D2 Version <input type="checkbox"/> New HSVF D3 Version <input type="checkbox"/> FIXTT-HSVF	External NAT Address 142.201.223.41 142.201.223.41 142.201.223.39	VPN NAT Address 142.201.3.71 142.201.3.71 142.201.3.69	Port 12311 12310 6440
Post Trading Services <input type="checkbox"/> ATR (Automated Trade Reporting) <input type="checkbox"/> Clearing Access Service <input type="checkbox"/> TMS	External NAT Address 142.201.223.39 142.201.223.39 142.201.223.39	VPN NAT Address 142.201.3.69 142.201.3.69 142.201.3.69	Port 5221 64280 5800
Drop Copy Services (A4 version) <input type="checkbox"/> Order Management Only <input type="checkbox"/> User Global Cancel <input type="checkbox"/> Orders/Quotes Management Only <input type="checkbox"/> User Global Cancel	External NAT Address 142.201.223.39 142.201.223.39 142.201.223.39 142.201.223.39	VPN NAT Address 142.201.3.69 142.201.3.69 142.201.3.69 142.201.3.69	Port 28122 28122 28123 28123
Regulatory Reporting <input type="checkbox"/> SAIL (LOPR) <input type="checkbox"/> SAIL LOPR GUI (provided by MX)	External NAT Address 142.201.223.39 142.201.223.39	VPN NAT Address 142.201.3.69 142.201.3.69	Port 12132 12132

Client Details

Client Information Profile	Products
<input type="checkbox"/> Approved participant / Foreign Approved Participant <input type="checkbox"/> Broker Dealer <input type="checkbox"/> ISV <input type="checkbox"/> DATA Vendor <input type="checkbox"/> Proprietary Application	<input type="checkbox"/> Equity Options <input type="checkbox"/> Options on ETFs <input type="checkbox"/> Currency Options <input type="checkbox"/> Index Derivatives <input type="checkbox"/> Interest Rate Derivatives Including Options on Futures
Comments <p>If Clients have an existing connection, please provide your source IP's that will connect to our servers and PEERING ADDRESS to our routers in this section.</p> <p>If not – Please provide the details in SITE-to-SITE IPSEC VPN connections specification below.</p>	
<p align="center">For Additional Information or Assistance, Please Call MX Technical Help Desk (THD) 1-877-588-8489 or 514-871-7872.</p>	

Important: TMX Only Accepts Public IP Address Space	
Copy and Fill that Part for Each VPN Termination Point (primary, backup, DR, etc.)	
VPN Gateway Device: (E.G., Cisco, Check Point, etc.)	
VPN Peer Gateway IP Address: (Internet IP address of the gateway)	
VPN Interesting Traffic IP Addresses: (Must be public IP addresses. No private IP address will be allowed).	
IP Addresses of the Devices that Send/Receive Data to/from TMX: (This must be a public IP address. No private IP address will be allowed).	

Network Information Supplied by TMX

Technical Contact: Please call 416-947-4310 or e-mail: customersupportcentre@tsx.com requesting to open a ticket with Network services with a call-back name and number.	
VPN Gateway Device:	Cisco ASA
VPN Peer Gateway IP Address:	142.201.17.5
VPN Interesting Traffic IP Addresses:	142.201.3.0/24
IP Addresses of the Devices that Send/Receive Data to/from TMX: -> client initiated <- server initiated <-> client or server initiated	142.201.3.69 142.201.3.71

IPSEC Specifications

Internet Key Exchange Encryption (IKE) Method:	3DES
Data Integrity Method: (Supported methods: SHA, MD5)	SHA
Authentication Method:	Pre-Shared Secret
Secret Key:	TMX will provide the secret key over the phone during implementation
Diffie-Hellman (DH) Group:	Group 2 (1024 bit)
IKE SA Lifetime:	86400 Seconds (1 day)
IPSEC SA Lifetime:	3600 Seconds (1 hour)
Data Exchange Encryption Algorithm:	ESP-3DES or ESP-AES-256
Data Integrity:	ESP-SHA-HMAC
PFS (Perfect Forward Secrecy):	Yes

MX Support Comments

Approved by Market Access Account Manager:	Date:
TO OBTAIN TEST LOGIN CREDENTIALS, PLEASE E-MAIL mxconnect@m-x.ca OR mbourcier@m-x.ca	